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Datasheet for ABIN1676677

Calpain 8 Protein (CAPN8) (AA 1-703) (His tag)

Overview

Quantity:	1 mg
Target:	Calpain 8 (CAPN8)
Protein Characteristics:	AA 1-703
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calpain 8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAALAAGVSK QRAVAEGLGS NQNAVKYLQ DFETLRKQCL NSGVLFKDPE FPACPSALGY KDLGPGSPDT QGIVWKRPT LCPNPQFIVG GATRDIRQG GLGDCWLLAA IASLTLNEKL LYRVLPRDQS FQKDYAGIFH FQFWQYGEWW EVVIDDLRPT KNGQLLFLHS EEGNEFWSAL LEKAYAKLNG SYEALVGGST IEGFEDFTGG ISEFYDLKKP PENLYYIIQK ALRKGSLGCG SIDVSTAAEA EATTRQKLVK GHAYSVTGVE EVNFHGRPEK LIRLRNPWGE VEWSGAWSDN APEWNYIDPR RKEELDKKAE DGEFWMFSFD FLKQYSRLEI CNLSPDSLSS EEIHKWNLVL FNGRWTRGST AGGCLNYPGT YWTNPQFKIH LDEVEDQEE GTSEPCCTVL LGLMQKNRRR QKRIGQGMLS IGYAVYQIPK ELESHTDAHL GRDFFLGRQP STCSSTYMNL REVSSRVRLP PGQYLVPST FEPFKDGDGC LRVFSEKKAK ALEIGDTVSG HPHEPHPRDM DEEDEHVRSL FEEFVGKDSE ISANQLKRVL NEVLSKRTDM KFDGFNINTC REMISLLDSD GTGSLGPMEF KTLWLKIRTY LEIFQEMDHN HVGITIEAHM RTALKKAGFT LNNQVQQTIA MRYACSKLGV DFNGFVACMI RLETLFKLFR LLDKDQNGIV QLSLAEWLCC VLV
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Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Calpain 8 (CAPN8)
Alternative Name:	Calpain-8 (Capn8) (CAPN8 Products)
Background:	Recommended name: Calpain-8. EC= 3.4.22.53. Alternative name(s): Calpain large subunit 4 New calpain 2. Short name= nCL-2 Stomach-specific M-type calpain
UniProt:	Q78EJ9

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.